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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	5080.113
First Inventor	Bittar
Title	Electromagnetic Wave Resistivity Tool
Express Mail Label No.	EV 301293140 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit on original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 71]
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 27 ]
5. Oath or Declaration [ Total Pages 2 ]
- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional or Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

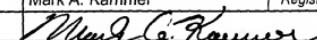
**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 09, 238,832

Prior application information Examiner: Group Art Unit: \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)	000716	or <input type="checkbox"/> Correspondence address below	
Name	Cox & Smith Incorporated		
Address	112 E Pecan Street, Suite 1800		
City	San Antonio	State	TX
Country	US	Telephone	(210) 554-5449
Name (Print/Type)	Mark A. Kammer	Registration No. (Attorney/Agent)	34,197
Signature			
Date	7/9/3		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



1904 US PTO 10/6/16429  
07/09/2013



# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 790)

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Bittar
Examiner Name	
Art Unit	
Attorney Docket No.	5080-113

**METHOD OF PAYMENT** (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number	03/3484
Deposit Account Name	Cox & Smith Incorporated

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEES CALCULATION**

**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1001 750	2001 375				750	Utility filing fee	
1002 330	2002 165					Design filing fee	
1003 520	2003 260					Plant filing fee	
1004 750	2004 375					Reissue filing fee	
1005 160	2005 80					Provisional filing fee	
<b>SUBTOTAL (1)</b>						<b>(\$ 750)</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims below	Fee from below	Fee Paid
11	-20*	= 0	X = 0
Independent Claims	- 3**	= 0	X = 0
Multiple Dependent			

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description
1202 18	2202 9			Claims in excess of 20
1201 84	2201 42			Independent claims in excess of 3
1203 280	2203 140			Multiple dependent claim, if not paid
1204 84	2204 42			** Reissue independent claims over original patent
1205 18	2205 9			** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				<b>(\$ 0)</b>

\*\* or number previously paid, if greater. For Reissues, see above

**FEES CALCULATION** (continued)

**3. ADDITIONAL FEES**

**Large Entity , Small Entity**

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for ex parte reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 410	2252 205			Extension for reply within second month	
1253 930	2253 465			Extension for reply within third month	
1254 1,450	2254 725			Extension for reply within fourth month	
1255 1,970	2255 985			Extension for reply within fifth month	
1401 320	2401 160			Notice of Appeal	
1402 320	2402 160			Filing a brief in support of an appeal	
1403 280	2403 140			Request for oral hearing	
1451 1,510	1,510			Petition to institute a public use proceeding	
1452 110	55			Petition to revive - unavoidable	
1453 1,300	2453			Petition to revive - unintentional	
1501 1,300	2501 650			Utility issue fee (or reissue)	
1505 470	2502 235			Design issue fee	
1503 630	2503 315			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375			Filing a submission after final rejection (37 CFR 1.129(e))	
1810 750	2810 375			For each additional invention to be examined (37 CFR 1.129(f))	
1801 750	2801 375			Request for Continued Examination (RCE)	
1802 900	2802 900			Request for expedited examination or a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 40)**

(Complete if applicable)

Name (Print/Type)	Mark A. Kammer	Registration No. (Attorney/Agent)	34,197	Telephone	554-5449
Signature					
Date	7/9/3				

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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July 9, 2003

5080/113 (DIV II)

Mail Stop PATENT APPLICATION  
Assistant Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231

Re: *United States Divisional Patent Application; Entitled: ELECTROMAGNETIC WAVE RESISTIVITY TOOL HAVING A TILTED ANTENNA FOR GEOSTEERING WITHIN A DESIRED PAYZONE; Inventor: Michael Bittar*

Dear Sir or Madam:

Enclosed for filing as a Divisional Application from Serial No. 10/255,048, filed September 25, 2002, are the following documents:

1. Utility Patent Application Transmittal Sheet (PTO/SB/05);
2. Fee Transmittal for FY 2003;
3. Preliminary Amendment;
4. Patent Application (specifications, claims and abstract) (71 pages);
5. Drawings (27 sheets);
6. Assignment Recordation Cover Sheet with Assignment (3 pages)
7. Inventor's Declaration and Power of Attorney (2 sheets);
8. Information Disclosure Statement and copies of 37 references;
9. Check in the amount of \$790.00; and
10. Acknowledgment Post Card.

Sincerely,



Mark A. Kammer  
Reg. No. 34,107

EXPRESS MAIL "Post Office to Addressee" Mailing Label No.: EV 301293140 US Date of Deposit: July 9, 2003
--

MAK/cah:Enclosures  
cc: Mr. Michael D. McCully, Halliburton, (BT-1349 US DIV) (w/encls.)